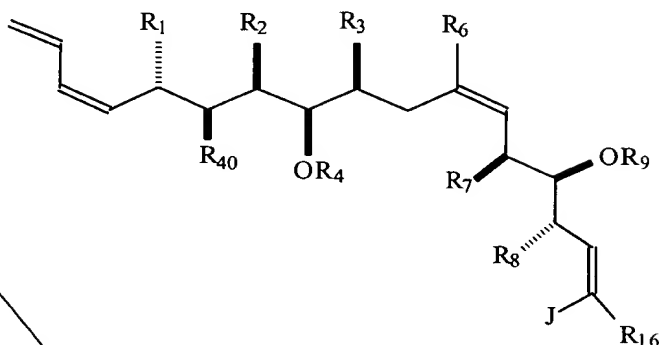


What is claimed is:

1. A compound of formula:



wherein:

5 R₁, R₂, R₇, and R₈ are independently selected from hydrogen and C₁-C₁₀ alkyl;

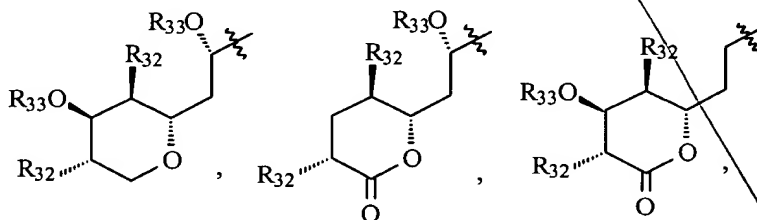
 R₃, R₆, and R₁₆ are independently selected from hydrogen and C₁-C₆ alkyl;

10 R₄ and R₉ are selected from hydrogen and acid labile protecting groups;

 R₄₀ is selected from OR₂₅ and OC(=O)NH₂;

 R₂₅ is selected from hydrogen and an oxidatively labile protecting group; and

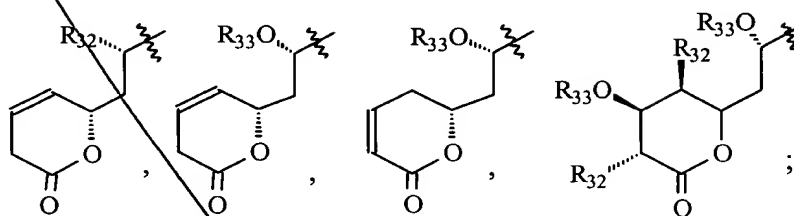
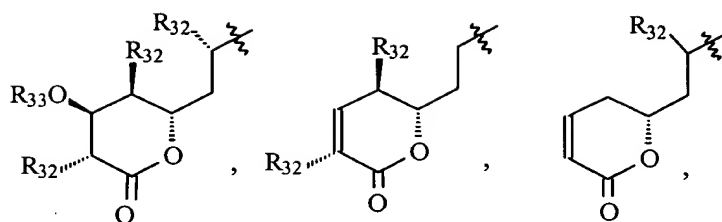
 J is selected from:



15

Sub
AIR

00730020 130600
00000000 00000000



alkaryl and alkheteroaryl wherein aryl and
heteroaryl are optionally substituted and alk is optionally
5 substituted with R₃₂ or OR₃₃;

wherein:

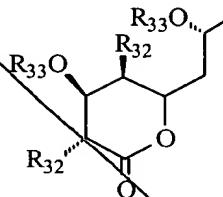
R₃₂ is selected from hydrogen and C₁-C₆ alkyl; and

R₃₃ is selected from hydrogen and an acid labile hydroxy protecting group.

- 10 2. The compound of claim 1 wherein R_6 is H.
3. The compound of claim 1 wherein R_1 , R_2 , R_7 ,
and R_8 are methyl.
4. The compound of claim 1 wherein R_4 , R_9 , and
 R_{33} are hydrogen.

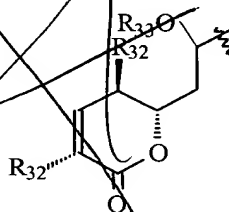
5. The compound of claim 1 wherein R_1 , R_2 , R_7 , and R_8 are methyl; R_4 , R_6 , and R_9 are hydrogen; and R_{40} is $-\text{OC}(\text{O})\text{NH}_2$.

6. ~~The compound of claim 5 wherein J is~~



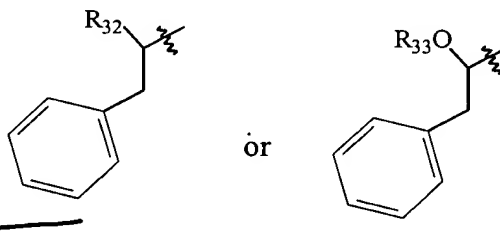
wherein R_{32} is methyl and R_{33} is hydrogen.

7. ~~The compound of claim 1 wherein R_1 , R_2 , R_6 , R_7 , and R_8 are methyl; R_4 and R_9 are H; R_{40} is $-\text{OC}(\text{O})\text{NH}_2$; and J is~~



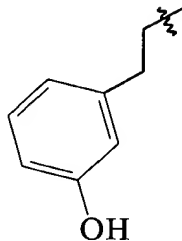
10 wherein R_{32} is methyl and R_{33} is H.

7. The compound of claim 1 wherein J is:

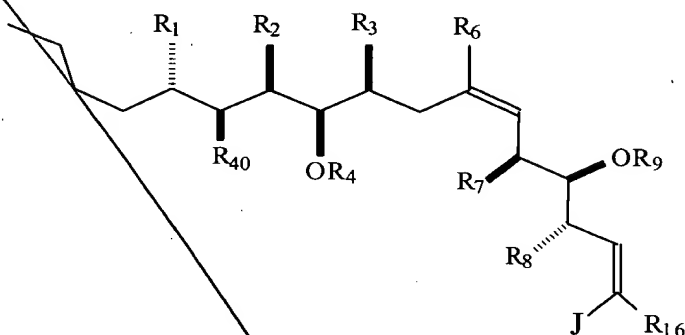


wherein the phenyl group is optionally substituted with $\text{C}_1\text{-C}_4$ alkyl, haloalkyl, hydroxy, alkoxy, or haloalkoxy.

8. The compound of claim 7 wherein R_1 , R_2 , R_3 , R_6 , R_7 and R_8 are methyl, R_4 , R_9 , and R_{16} are hydrogen, R_{40} is $-OC(=O)NH_2$, and J is:



5 10. A compound having the following formula:



wherein:

R_1 , R_2 , R_7 , and R_8 are independently hydrogen or C_1 - C_{10} alkyl;

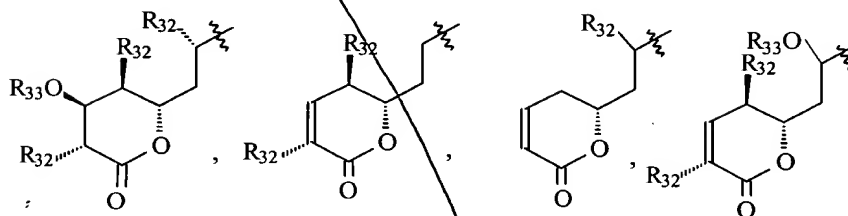
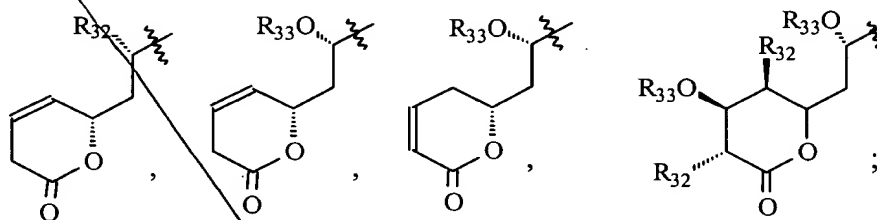
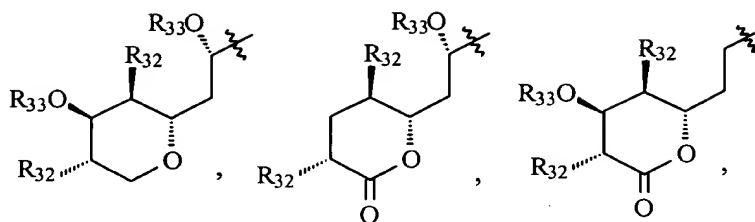
10 R_3 , R_6 , and R_{16} are independently hydrogen or C_1 - C_6 alkyl;

R_4 , and R_9 are independently hydrogen or acid labile protecting groups;

R_{40} is selected from OR_{25} and $OC(=O)NH_2$;

15 R_{25} is hydrogen or an oxidatively labile protecting group; and

J is selected from:



alkaryl and alkheteroaryl wherein aryl and heteroaryl
5 are optionally substituted and alk is optionally substituted
with R₃₂ or OR₃₃;

wherein

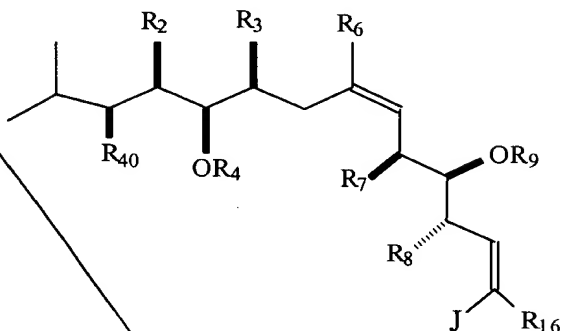
R₃₂ is hydrogen or C₁-C₆ alkyl; and

10 R_{33} is hydrogen or an acid labile hydroxy protecting group.

- 10 ~~11~~. The compound of claim ~~9~~ wherein R₆ is H.
- 11 ~~12~~. The compound of claim ~~9~~ wherein R₁, R₂, R₇,
and R₈ are methyl.
- 12 ~~13~~. The compound of claim ~~9~~ wherein R₄, R₉, and R₃₃
15 are hydrogen.
- 13 ~~14~~. The compound of claim ~~9~~ wherein R₁, R₂, R₇,

and R_8 are methyl; R_4 , R_6 , R_9 , and R_{33} are H; and R_{40} is $-OC(O)NH_2$.

15. A compound having the formula:



5 wherein

R_2 , R_7 , and R_8 are independently hydrogen or C_1 - C_{10} alkyl;

R_3 , R_6 , and R_{16} are independently hydrogen or C_1 - C_6 alkyl;

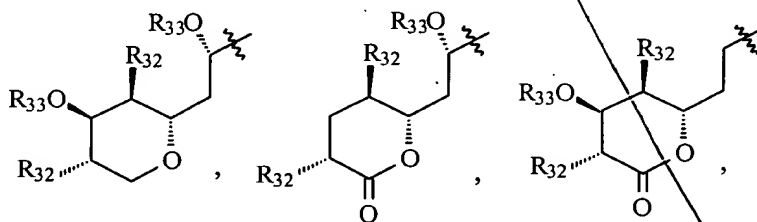
R_4 , R_9 , and R_{33} are independently hydrogen or acid labile protecting groups;

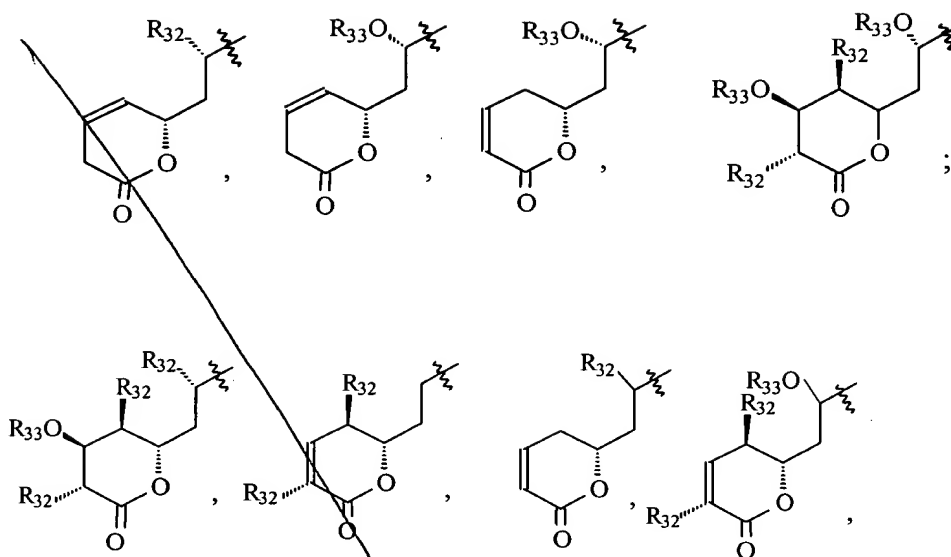
10 R_4 and R_9 are independently hydrogen or acid labile protecting hydroxyl groups;

R_{40} is selected from OR_{25} and $OC(=O)NH_2$;

R_{25} is hydrogen or an oxidatively labile protecting group; and

15 J is selected from:





alkaryl and alkheteroaryl wherein aryl and heteroaryl are optionally substituted and alk is optionally substituted
5 with R_{32} or OR_{33} ;

wherein

R_{32} is hydrogen or C_1 - C_6 alkyl; and

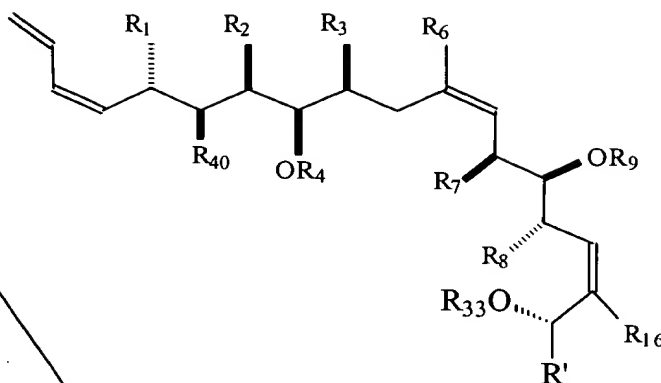
R_{33} is hydrogen or an acid labile hydroxy protecting group.

10 ¹⁵~~16~~. The compound of claim ¹⁴~~15~~ wherein R_6 is H.

¹⁶~~17~~. The compound of claim ¹⁴~~15~~ wherein R_1 , R_2 , R_7 ,
and R_8 are methyl.

18. A compound having the formula:

Sub
A16



wherein:

~~R₁, R₂, R₇, and R₈ are independently hydrogen or C₁-C₁₀ alkyl;~~

R₃, R₆, and R₁₆ are independently hydrogen or C₁-C₆ alkyl;

R_4 , R_9 , and R_{33} are independently hydrogen or acid labile protecting groups;

R₄, R₉, are independently hydrogen or acid labile
10 protecting hydroxyl groups;

R₂₅ is hydrogen or an oxidatively labile protecting group;

R₄₀ is selected from OR₂₅ and OC(=O)NH₂;

R' is methyl or alkyl-R"; and

15 R" is C₁-C₁₀ alkoxy, hydroxy, or -C(O)CH₃.

~~18~~ 19. The compound of claim ~~17~~ wherein R₆ is hydrogen.

~~19~~ 20. The compound of claim ~~18~~¹⁷ wherein R₁, R₂, R₇, R₈ are methyl.

